

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FORM PTO-1390 (Modified) (REV 11-2000)		ATTORNEY'S DOCKET NUMBER 09/762023 PENN-079
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 09/762,023
INTERNATIONAL APPLICATION NO. PCT/US99/17386	INTERNATIONAL FILING DATE 2 August 1999	PRIORITY DATE CLAIMED 4 August 1998
TITLE OF INVENTION Targeting and Prolonging Association of Drugs to the Luminal Surface of the Pulmonary Vascular Endothelial Cells		
APPLICANT(S) FOR DO/EO/US MUZYKANTOV, Vladimir R. et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A change of power of attorney and/or address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance w 20. <input type="checkbox"/> A second copy of the published international application under 35 21. <input type="checkbox"/> A second copy of the English language translation of the internat 22. <input type="checkbox"/> Certificate of Mailing by Express Mail 23. <input checked="" type="checkbox"/> Other items or information: <ol style="list-style-type: none"> 1) Notification of Missing Requirements 2) Response to Missing Parts and extension of time 3) Return Post Card 		
<p style="text-align: right;">"Express Mail" Label No. EL780366165US Date of Deposit June 28, 2001</p> <p>I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231.</p> <p>By <u>Deborah Ehret</u> Typed Name: Deborah Ehret</p>		

U.S. APPLICATION NO. (IF KNOWN, SEE R 09/762,023	INTERNATIONAL APPLICATION NO. PCT/US99/17386	ATTORNEY'S DOCKET NUMBER PENN-0749
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24. The following fees are submitted:

BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :

- | | |
|--|-----------|
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO | \$1000.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO | \$860.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO | \$710.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) | \$690.00 |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) | \$100.00 |

CALCULATIONS PTO USE ONLY

ENTER APPROPRIATE BASIC FEE AMOUNT =

\$0.00

Surcharge of **\$130.00** for furnishing the oath or declaration later than
months from the earliest claimed priority date (37 CFR 1.492 (e)).

20 30

\$130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	- 20 =	0	x \$18.00	\$0.00
Independent claims	- 3 =	0	x \$80.00	\$0.00
Multiple Dependent Claims (check if applicable).			<input type="checkbox"/>	\$0.00

TOTAL OF ABOVE CALCULATIONS =

\$130.00

Applicant claims small entity status. (See 37 CFR 1.27). The fees indicated above are reduced by 1/2.

\$65.00

SUBTOTAL =

\$65.00

Processing fee of **\$130.00** for furnishing the English translation later than
months from the earliest claimed priority date (37 CFR 1.492 (f)).

20 30

\$0.00

TOTAL NATIONAL FEE =

\$65.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).

\$0.00

TOTAL FEES ENCLOSED =

\$760.00

Amount to be: refunded	\$
charged	\$

- a. A check in the amount of _____ to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 50-1619 in the amount of \$760.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1619. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Jane Massey Licata, Reg. No. 32,257
Kathleen A. Tyrrell, Reg. No. 38,350

Licata & Tyrrell P.C.
66 E. Main Street
Marlton, New Jersey 08053

Telephone: (856) 810-1515
Facsimile : (856) 810-1454

Jane Massey Licata
SIGNATURE

Jane Massey Licata

NAME

32,257

REGISTRATION NUMBER

June 28, 2001

DATE

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.
PENN-0749

In Re Application Of: **Muzykantov et al.**

Serial No.

09/762,023

Filing Date

February 1, 2001

Examiner

Not Yet Assigned

Group Art Unit

Not Yet Assigned

Invention: **Targeting and Prolonging Association of Drugs to the Luminal Surface of the Pulmonary Vascular Endothelial Cells**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on

February 28, 2001

Date

Enclosed herewith for filing are the following:

- A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.

- one verified small entity declaration(s)

is/are attached.

was/were filed on February 1, 2001

A separate request for refund.

Other (list):

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.
PENN-0749

In Re Application Of: **Muzykantov et al.**

Serial No.

09/762,023

Filing Date

February 1, 2001

Examiner

Not Yet Assigned

Group Art Unit

Not Yet Assigned

Invention: **Targeting and Prolonging Association of Drugs to the Luminal Surface of the Pulmonary Vascular Endothelial Cells**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Attention: Manager, Application Branch

Completion of application fees as calculated below:

Utility application filing fee _____

Design application filing fee _____

Total number of independent claims = _____

Total number of claims = _____

Multiple dependent claims _____

Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$65.00** _____

Petition and fee for filing by other than all the inventors or a person not the inventor _____

Fee for processing an application filed with a non-English language specification _____

Fee for processing and retention of application _____

07/03/2001 ATRAN1 00000125 501619 09762023

Total completion of application fees _____

01 FEE:254 65.00 CH
02 FEE:226 695.00 CH

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

One month Two months Three months Four months Five months

from: March 28, 2001 Date until: June 28, 2001 Date

Total time extension fees **\$695.00** _____

Total fees due **\$760.00** _____

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Small Entity)**

Docket No.
PENN-0749

In Re Application Of: **Muzykant v et al.**

Serial No.	Filing Date	Examiner	Group Art Unit
09/762,023	February 1, 2001	Not Yet Assigned	Not Yet Assigned

**Invention: Targeting and Prolonging Association of Drugs to the Luminal Surface of the Pulmonary
Vascular Endothelial Cells**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Attention: Manager, Application Branch

The fee of **\$760.00** is to be paid as follows:

- A check in the amount of the fee is enclosed.
- The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 50-1619
A duplicate copy of this sheet is enclosed.
- If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. 50-1619
A duplicate copy of this sheet is enclosed.

Jane Massey Licata

Signature

Jane Massey Licata, Reg. No. 32,257
Kathleen A. Tyrrell, Reg. No. 38,350
Licata & Tyrrell P.C.
66 E. Main Street
Marlton, New Jersey 08053
Telephone: (856) 810-1515
Facsimile: (856) 810-1454

Dated: **June 28, 2001**

"Express Mail" Label No. EL780366165US
Date of Deposit June 28, 2001

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box PCT, Washington, D.C. 20231.

By *Deborah Ehret*
Typed Name: Deborah Ehret

CC:

Typed or Printed Name of Person Mailing Correspondence